

## Refine Search

### Search Results -

Terms	Documents
hydrangea adj5 (alcohol adj3 extract\$)	0

Database:

US Pre-Grant Publication Full-Text Database  
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 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L6





### Search History

DATE: Monday, March 07, 2005    [Printable Copy](#)    [Create Case](#)

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result set

*DB=USPT,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR*

<u>L6</u>	hydrangea adj5 (alcohol adj3 extract\$)	0	<u>L6</u>
<u>L5</u>	hydrangea adj3 extract\$	47	<u>L5</u>
<u>L4</u>	hydrangea and liver	27	<u>L4</u>
<u>L3</u>	hydrangea same liver	1	<u>L3</u>
<u>L2</u>	hydrangea adj1 dulcis	3	<u>L2</u>
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L3: Entry 1 of 1

File: USPT

Jul 13, 1982

DOCUMENT-IDENTIFIER: US 4339442 A

TITLE: Gynosaponins, their use and a process for preparing the same

Detailed Description Text (175):

Results of Treatment: 200 mg of the saponin component prepared from hydrangea bines were orally given in two portions every day for one month continuously. Her languor, lack of appetite and icterus disappeared. The abdominal dropsy ceased to be recognized. The swelling of the liver was reduced to one fingerbreadth with a reduction in the size of the masses. The laboratory studies revealed the following values: erythrocyte count, 3,100,000/mm.sup.3 ; leukocyte count, 10,000/mm.sup.3 ; blood sedimentation, 40 mm (one hour); blood platelets, 82,000/mm.sup.3 ; absence of bilirubinuria; occult blood test for feces (-); GOT/GPT, 4.0; A/G, 0.8; .alpha.-fetoprotein, 1,500 .mu.g/dl.

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L4: Entry 22 of 27

File: USPT

Jul 13, 1982

DOCUMENT-IDENTIFIER: US 4339442 A

TITLE: Gynosaponins, their use and a process for preparing the same

Detailed Description Text (116):

The side effects of the glucocorticoids, which are adrenocortical hormones, include atrophy of the adrenal glands, which is said to give rise to symptoms of a buffalo's neck, a moon face, or the like. Atrophy of the thymus and reduction of the plasma cortisol are also prominent side effects of glucocorticoids. Tests were conducted for ascertaining how effective the saponin component obtained from hydrangea bines would be for preventing the side effects of glucocorticoids.

Detailed Description Text (134):

Results of Treatment: The saponin component began to be administered in the amount of 100 mg per day, while the oral administration of 1 mg of the glucocorticoid per day was continued. After three months, the kidney function tests showed a remarkable improvement; therefore, the administration of the glucocorticoid was discontinued, and the oral administration of the saponin component alone was continued for three more months in the amount of 100 mg per day. After the three months, all of his moon face, cheek, redness, dizziness, irritation and sleeplessness disappeared. The volume of his urine increased to 1,500 ml per day. At that time, the kidney function tests indicated complete recovery in all respects; i.e., serum cholesterol, 112 mg/dl; urea nitrogen, 11 mg/dl; urine protein (+-); erythrocyte (-); and blood pressure, 122/80 mm Hg. Remarks: As the glucocorticoid (linderon) used for curing chronic nephrosis type nephritis produced the side effects which were too serious to be improved easily, the saponin component was administered with the glucocorticoid. As a result, it became possible to continue using the glucocorticoid safely without any further progress of the side effects, and the purpose of the treatment could be achieved in a short time. Still continued administration of the saponin component prepared from hydrangea bines led to complete elimination of the side effects of the glucocorticoid. No rebound or withdrawal phenomenon was observed when the administration of the glucocorticoid was discontinued.

Detailed Description Text (141):

Present Conditions - Moon face (+); buffalo's neck (+); somewhat red face; vascular trouble (+). Liver function tests - S. GOT 245 U/L; S. GPT 285 U/L; T.T.T. 15.3 U/L; 2 T.T. 20.3 U/L; .gamma.-globulin, 29.4%; and no other abnormality. The biological examination of the liver confirmed the case as being of chronic active type. Results of Treatment: The saponin component was administered in the amount of 100 mg per day, while the oral administration of prednisolone was continued in the amount of 15 mg per day. After one month, the moon face and the buffalo's neck were somewhat improved, and he ceased to have any thirst, feeling of fatigue or palpitation. After three months, all of his subjective and objective symptoms disappeared, and he recovered his health. He showed a drastic improvement in liver function tests: S. GOT, 42; S. GPT, 34; T.T.T., 10.1; 2 T.T., 11.3; and .gamma.-globulin, 24.3. Therefore, the administration of prednisolone was discontinued. No rebound or withdrawal phenomenon was found. For three months thereafter, he has not complained of any subjective or objective symptom; and the liver function tests indicate perfectly normal results, i.e., S. GOT, 24; S. GPT, 27; T.T.T., 4.31; 2 T.T., 7.4; and .gamma.-globulin, 20.3.

Detailed Description Text (142):

Remarks: The use of the saponin component prepared from hydrangea bines, while the administration of the steroid was continued, led to elimination of the side effects, and difficulty involved in the discontinuation of use of the steroid in a short time without appearance of any rebound or withdrawal phenomenon.

Detailed Description Text (150):

Results of Treatment: The saponin component prepared from hydrangea bines was given to the patient in the amount of 100 mg per day, while the oral use of prednisolone in the amount of 10 mg per day was continued. After two months, her moon face was improved, and her subjective and objective symptoms remarkably improved; therefore, the use of prednisolone was discontinued, while the oral administration of the saponin component was continued in the amount of 10 mg per day. No rebound or withdrawal phenomenon was found. After four months, the side effects of prednisolone disappeared completely.

Detailed Description Text (157):

Sarcoma 180 cells were transplanted into ddy type mice, and the saponin component prepared from hydrangea bines was given to them for seven days. On the 12th day, the tumorous sarcomas were taken out, and their weights were compared with those of the tumors removed from a control group of mice. The weights of the tumors taken out of the mice to which 50 mg/kg of the saponin had been orally given showed a reduction of about 40% as compared with the control group. Thus, the efficacy of the saponin component was ascertained, as a significant difference could be clearly recognized with the value of P being less than 0.05. The details of the tests will hereunder be described.

Detailed Description Text (164):

Sarcoma 180 was intraperitoneally transplanted into ddy type mice, and the saponin component prepared from hydrangea bines was orally given to the mice for 10 days. The mice were compared in the number of days of survival with those of the control group, whereby the life prolongation effect of the saponin component was examined. The control group showed an average survival period of 14.1 days, and the mice to which the saponin component has been given in the amount of 50 mg/kg showed an average survival period of 19.6 days. The results clearly indicated the life prolongation effect of the saponin component. The life prolongation effect of the saponin component on rats was tested in such a manner that the saponin component was orally given to the rats every day in the amount of 50 mg/kg for 10 days, and Yoshida sarcoma was then intraperitoneally transplanted into the rats, followed by comparison of the average survival period of the rats with that of the control group to which no saponin component had been given. While the control group showed an average survival period of 11 days, the rats to which the saponin component had been given showed an average survival period of 24.5 days clearly indicating the life prolongation effect of the saponin component. The details of the tests will hereunder be described.

Detailed Description Text (165):

Sections of sarcoma 180 (1.times.10.sup.6 cells), which had been prepared as described at (1) above, were intraperitoneally transplanted into several groups each consisting of 10 male ddy type mice (six weeks of age). After 24 hours, it was started to give each group of mice the saponin component prepared from hydrangea bines in the amount of 10 mg/kg or 50 mg/kg once a day for 10 days continuously by means of a gastric catheter after it had been dissolved in purified water. Only the same quantity of purified water was given to the control group of mice. Thus, the period and rate of survival of each group of mice after the transplantation were examined. As the use of the saponin component in the amount of 50 mg/kg produced the best results, the tests were then conducted with male wister rats each weighing about 200 g. The saponin component was orally administered to the rats in the amount of 50 mg/kg every day for 10 days continuously. After three days, Yoshida

sarcoma (5.times. 10.sup.5 cells) was intraperitoneally transplanted into the rats, and the period of their survival thereafter was examined.

Detailed Description Text (174):

Present Disease: Two months ago, she complained of a pain and discomfort in the right costal region. Her case was diagnosed as hepatom. She did not get better despite the treatment. As she gradually came to feel languid, and lose her appetite and weight, she visited the hospital. She was of average build, and somewhat undernourished. The skin showed an icteric yellow tint. Several somewhat hard and uneven masses of thumb-ball size were palpable three fingerbreadths below the right costal margin. Abdominal dropsy was recognized. Erythrocyte count, 2,200,000/mm.sup.3 ; leukocyte count, 1,100/mm.sup.3 ; blood sedimentation, 50 mm (one hour); blood platelets, 50,000/mm.sup.3 ; urine bilirubin (+); occult blood test for feces (+); GOT/GPT, 5.0; A/G, 0.50; .alpha.-fetoprotein, 2,000 .mu.g/dl. A scintigram of the liver showed a filling defect.

Detailed Description Text (175):

Results of Treatment: 200 mg of the saponin component prepared from hydrangea bines were orally given in two portions every day for one month continuously. Her languor, lack of appetite and icterus disappeared. The abdominal dropsy ceased to be recognized. The swelling of the liver was reduced to one fingerbreadth with a reduction in the size of the masses. The laboratory studies revealed the following values: erythrocyte count, 3,100,000/mm.sup.3 ; leukocyte count, 10,000/mm.sup.3 ; blood sedimentation, 40 mm (one hour); blood platelets, 82,000/mm.sup.3 ; absence of bilirubinuria; occult blood test for feces (-); GOT/GPT, 4.0; A/G, 0.8; .alpha.-fetoprotein, 1,500 .mu.g/dl.

Detailed Description Text (176):

These values represented substantially normal results. After four months, no subjective or objective symptom. The liver was palpable one fingerbreadth below the costal margin, and though it was slightly hard, it was smooth, and no tumorous mass was palpable. All the abdominal dropsy disappeared. Laboratory studies revealed normal results: erythrocyte count, 4,500,000/mm.sup.3 ; leukocyte count, 7,900/mm.sup.3 ; blood sedimentation, 25 mm (one hour); blood platelets, 150,000/mm.sup.3 ; GOT/GPT, 1.5; A/G, 1.2; .alpha.-fetoprotein, 1,000 .mu.g/dl. She was discharged from hospital, and has continued to take the saponin component orally two months now. It has become for her to engage in her usual work.

Detailed Description Text (183):

Results of Treatment: 200 mg of the saponin component prepared from hydrangea bines were orally administered in two portions every day for one month. The stricture and pain which he had been feeling when swallowing food were improved to some extent, and X-ray examination indicated the reduction in size of the mass of low projection. The erythrocyte count was 3,000,000/mm.sup.3, and the leukocyte count was 6,000/mm.sup.3. After six months of the use of the saponin component, he ceased to have a feeling of constriction and a pain when swallowing food, and X-ray examination of the esophagus confirmed recovery without showing any protuberance any longer. Both the erythrocyte and leukocyte counts were restored to their normal levels, i.e., 4,600,000/mm.sup.3 and 7,500/mm.sup.3, respectively. No recurrence or metastasis has been seen for six months.

Detailed Description Text (217):

The mice to which the saponin component prepared from hydrangea bines had been given showed a significantly smaller number of scratching motions than those of the control group, as shown in the table below.

Detailed Description Text (240):

Present Disease: One year ago, the patient suffered from insomnia for the first time, and after she took a tranquilizer in vain, she visited this hospital. She was of average build, and had an ordinary skin. A blood test did not disclose any

abnormality in her liver or kidney function. C.M.I. was in the region III. The only symptom of which the patient was conscious was of insomina.

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L4: Entry 27 of 27

File: DWPI

Dec 12, 2000

DERWENT-ACC-NO: 2001-205172

DERWENT-WEEK: 200121

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TITLE: Screening of tumor growth factor-beta2 antagonist for use as hair restoration agent, liver cirrhosis therapeutic agent, by culturing cell producing plasminogen activator inhibitor with tumor growth factor-beta2

Basic Abstract Text (3):

(1) hair restoration agent which contains TGF- beta inhibitor, chosen out of extract of Rome chamomile, Filipendula multijuga, spearmint, tormentilla, Hedera helix, black tea, hydrangea, hoelen, ginseng, phellodendron and sophora as active ingredient; and

Basic Abstract Text (5):

USE - The screening method is useful for identifying a TGF- beta antagonist which is useful as a hair restoration agent, liver cirrhosis or nephritis therapeutic agent (claimed).

Standard Title Terms (1):

SCREEN GROWTH FACTOR ANTAGONIST HAIR RESTORATION AGENT LIVER CIRRHOSIS THERAPEUTIC AGENT CULTURE CELL PRODUCE PLASMINOGEN ACTIVATE INHIBIT GROWTH FACTOR

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L5: Entry 10 of 47

File: USPT

Apr 23, 1985

DOCUMENT-IDENTIFIER: US 4512983 A

TITLE: Method for making a sanitary drink

Brief Summary Text (17):

The mixture of the fungi and the hydrangea tea is extracted by adding thereto water in an amount of several to several tens times as great as that of the mixture and heated at a temperature of from 50.degree. to 150.degree. C. for several minutes or more. In general, the amount of water is 5 to 20 times by weight that of the mixture. The resulting extract is found to contain polysaccharides and organic germanium substances in abundance. To the extract is added an organic acid which is harmless to human beings and includes, for example, citric acid, l-ascorbic acid, succinic acid or the like. The organic acid is added in an amount of 0.1 to 2 wt% of the total composition or to such a level that the extraction system is adjusted to a pH range below 7, preferably below 5. Then, the extract system is agitated and allowed to stand at a low temperature ranging from 0.degree. to 10.degree. C., preferably about 1.degree. to 3.degree. C. for a long time of over 10 hours or overnight, by which insoluble matter is permitted to precipitate. The insoluble matter is organic compounds or substances including proteins and can be readily removed from the extract by a centrifugation using a Sharpless centrifugal separator, for example, at 8000 to 20000 r.p.m. The resulting glossy reddish, clear yellowish brown extract may be charged into a suitable container such as a glass bottle as it is or after concentration to a suitable level of concentration by a concentrator and thermally sterilized as usual to give a drink product.

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L5: Entry 22 of 47

File: JPAB

Aug 4, 1981

DOCUMENT-IDENTIFIER: JP 56096677 A

TITLE: ISOLATION AND PURIFICATION OF PHYLLODULCIN

Abstract Text (2):

CONSTITUTION: In extracting and purifying phyllodulcin useful as a sweetener, perfume for tobacco, etc. from leaves of hydrangea, first the leaves of hydrangea is extracted with a lower alcohol, e.g., methanol, etc. or a water-containing lower alcohol to give an extracted solution, which is adjusted to a pH not less than 8 with an alkali aqueous solution and stirred at from normal temperature to about 50° C for 30min to 6hr so that hydrangenol is converted into its alkali salt. The prepared solution is adjusted to a pH not less than 11 and extracted with a weakly polar organic solvent, e.g., chloroform, so that colored components and impurities are removed by the extraction. The prepared water-alcohol solution is adjusted to a pH not more than 10 and extracted with an organic solvent, e.g., chloroform, to give high-purity phyllodulcin in high yield. This substance is recrystallized from a lower alcohol to give an almost purified product.

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L5: Entry 30 of 47

File: DWPI

Feb 23, 1993

DERWENT-ACC-NO: 1993-104180

DERWENT-WEEK: 199313

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TITLE: Antibacterial agent for external application to skin - contains extract of Hydrangea sp. extracted with organic solvent and/or water from raw leaves of fermented and desiccated leaves

Basic Abstract Text (1):

Agent contains an extract of hydrangea macrophylla extracted with organic solvent and/or water from the raw leaves or fermented and desiccated leaves.

Standard Title Terms (1):

ANTIBACTERIAL AGENT EXTERNAL APPLY SKIN CONTAIN EXTRACT HYDRANGEA SPECIES EXTRACT  
ORGANIC SOLVENT WATER RAW LEAF FERMENTATION DESICCATE LEAF

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☐ 1. Document ID: US 6849252 B1

Using default format because multiple data bases are involved.

L5: Entry 1 of 47

File: USPT

Feb 1, 2005

US-PAT-NO: 6849252

DOCUMENT-IDENTIFIER: US 6849252 B1

TITLE: Hair care composition comprising a polypropylene glycol

DATE-ISSUED: February 1, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yang; Jian-Zhong	Kobe			JP
Foong; Yukiko	Kobe			JP
Furukawa; Fumiko	Nishinomiya			JP

US-CL-CURRENT: 424/70.11; 424/70.27, 424/70.28

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D.
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☐ 2. Document ID: US 6767875 B1

L5: Entry 2 of 47

File: USPT

Jul 27, 2004

US-PAT-NO: 6767875

DOCUMENT-IDENTIFIER: US 6767875 B1

TITLE: Hair conditioning composition comprising carboxylic acid/carboxylate copolymer and moisturizing agent

DATE-ISSUED: July 27, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Snyder; Michael Albert	Kobe			JP
Yang; Jian-Zhong	Kobe			JP

US-CL-CURRENT: 510/119; 424/401, 424/70.1, 424/70.12, 424/70.16, 424/70.31,  
510/121, 510/122, 510/421, 510/434, 510/466 , 510/475, 510/476, 510/477, 510/488

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 3. Document ID: US 6730292 B1

L5: Entry 3 of 47

File: USPT

May 4, 2004

US-PAT-NO: 6730292

DOCUMENT-IDENTIFIER: US 6730292 B1

TITLE: Hair care composition comprising a polypropylene glycol and an ester oil

DATE-ISSUED: May 4, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yang; Jian-Zhong	Kobe			JP
Venkateswaran; Ananthanarayan	Kobe			JP

US-CL-CURRENT: 424/70.11; 424/70.27

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 4. Document ID: US 6524559 B2

L5: Entry 4 of 47

File: USPT

Feb 25, 2003

US-PAT-NO: 6524559

DOCUMENT-IDENTIFIER: US 6524559 B2

TITLE: Tooth coating composition

DATE-ISSUED: February 25, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Urai; Kaoruko	Tokyo			JP
Tanaka; Kichizo	Tokyo			JP
Inagaki; Kenji	Chiba			JP

US-CL-CURRENT: 424/49; 106/35, 424/52, 424/58, 424/600

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 5. Document ID: US 6482447 B2

L5: Entry 5 of 47

File: USPT

Nov 19, 2002

US-PAT-NO: 6482447

DOCUMENT-IDENTIFIER: US 6482447 B2

TITLE: Method and composition for the treatment of benign prostate hypertrophy (BPH) and prevention of prostate cancer

DATE-ISSUED: November 19, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Revel; Chase	Nevis			KN

US-CL-CURRENT: 424/727; 424/277.1, 424/41, 424/474, 424/725, 424/74, 514/2, 514/22, 514/23, 514/70, 514/71, 514/74

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWAC	Draw D
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☐ 6. Document ID: US 6428770 B1

L5: Entry 6 of 47

File: USPT

Aug 6, 2002

US-PAT-NO: 6428770

DOCUMENT-IDENTIFIER: US 6428770 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Solid preparation for oral hygiene

DATE-ISSUED: August 6, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kayane; Shigeto	Tokyo			JP
Yano; Yoshitaka	Tokyo			JP
Kiji; Shinji	Tokyo			JP
Masuki; Keiko	Ichikai-machi			JP
Fujinaka; Hidetake	Tokyo			JP
Eguchi; Yasuteru	Ichikai-machi			JP
Kashiwagi; Mitsuyoshi	Tokyo			JP

US-CL-CURRENT: 424/44; 424/435

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWAC	Draw D
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☐ 7. Document ID: US 6399115 B2

L5: Entry 7 of 47

File: USPT

Jun 4, 2002

US-PAT-NO: 6399115

DOCUMENT-IDENTIFIER: US 6399115 B2

TITLE: Method and composition for the treatment of benign prostate hypertrophy (BPH) and prevention of prostate cancer

DATE-ISSUED: June 4, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Revel; Chase	Nevis			KN

US-CL-CURRENT: 424/727; 424/277.1, 424/725, 424/728, 424/74, 514/22, 514/23

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWAC	Draw D
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☐ 8. Document ID: US 6352685 B1

L5: Entry 8 of 47

File: USPT

Mar 5, 2002

US-PAT-NO: 6352685

DOCUMENT-IDENTIFIER: US 6352685 B1

TITLE: External preparation for skin

DATE-ISSUED: March 5, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hoshino; Taku	Tokyo			JP
Sakata; Osamu	Tokyo			JP
Moriyama; Masahiro	Tokyo			JP
Higuchi; Yoshihiro	Chiba			JP

US-CL-CURRENT: 424/59; 424/401, 424/757, 514/547

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWAC	Draw D
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☐ 9. Document ID: US 6066316 A

L5: Entry 9 of 47

File: USPT

May 23, 2000

US-PAT-NO: 6066316

DOCUMENT-IDENTIFIER: US 6066316 A

TITLE: Fine dispersion composition of wax, hair cosmetic preparation and glazing agent

DATE-ISSUED: May 23, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Shiojima; Yoshihiro	Kanagawa			JP
Omura; Takayuki	Kanagawa			JP
Nakama; Yasunari	Kanagawa			JP
Harusawa; Fuminori	Kanagawa			JP

US-CL-CURRENT: 424/70.19; 424/401, 424/70.1, 424/70.21, 424/70.31, 514/937, 514/938

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 10. Document ID: US 4512983 A

L5: Entry 10 of 47

File: USPT

Apr 23, 1985

US-PAT-NO: 4512983

DOCUMENT-IDENTIFIER: US 4512983 A

TITLE: Method for making a sanitary drink

DATE-ISSUED: April 23, 1985

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Shino; Kunihiro	Nerima-ku, Tokyo, 176			JP
Matoba; Tamiji	Chikusa-ku, Nagoya-shi, 464			JP

US-CL-CURRENT: 424/195.15; 426/597

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 11. Document ID: JP 2004300082 A

L5: Entry 11 of 47

File: JPAB

Oct 28, 2004

PUB-NO: JP02004300082A

DOCUMENT-IDENTIFIER: JP 2004300082 A

TITLE: ANTINEOPLASTIC AGENT

PUBN-DATE: October 28, 2004

## INVENTOR-INFORMATION:

NAME	COUNTRY
NEJIME, KUNIAKI	

INT-CL (IPC): A61 K 35/78; A23 L 1/30; A61 P 35/00

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 12. Document ID: JP 2004244396 A

L5: Entry 12 of 47

File: JPAB

Sep 2, 2004

PUB-NO: JP02004244396A

DOCUMENT-IDENTIFIER: JP 2004244396 A  
TITLE: TNF-ALPHA PRODUCTION INHIBITOR

PUBN-DATE: September 2, 2004

## INVENTOR-INFORMATION:

NAME

COUNTRY

KAMIYA, SHUNICHI

NAKAGIRI, RYUSUKE

SHIRAI, AKIO

INT-CL (IPC): A61 K 35/78; A23 K 1/16; A23 L 1/30; A61 P 1/04; A61 P 3/10; A61 P 29/00; A61 P 31/04; A61 P 37/02; A61 P 43/00

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMHC	Draw D
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☐ 13. Document ID: JP 2004196696 A

L5: Entry 13 of 47

File: JPAB

Jul 15, 2004

PUB-NO: JP02004196696A

DOCUMENT-IDENTIFIER: JP 2004196696 A

TITLE: ARTHRITIS-PREVENTING OR TREATING AGENT

PUBN-DATE: July 15, 2004

## INVENTOR-INFORMATION:

NAME

COUNTRY

KAMIYA, SHUNICHI

NAKAGIRI, RYUSUKE

INT-CL (IPC): A61 K 35/78; A23 K 1/16; A23 L 1/30; A61 P 19/02

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMHC	Draw D
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☐ 14. Document ID: JP 2003261455 A

L5: Entry 14 of 47

File: JPAB

Sep 16, 2003

PUB-NO: JP02003261455A

DOCUMENT-IDENTIFIER: JP 2003261455 A

TITLE: ANTIALLERGY AGENT

PUBN-DATE: September 16, 2003

## INVENTOR-INFORMATION:

NAME

COUNTRY

OKUDA, MAKOTO



TONOGAITO, HIROSHI  
YOSHIDA, YASUHIRO  
MIZOGUCHI, KIYOMI  
AIOI, AKIHIRO  
HAMADA, KAZUHIKO  
ISHIMARU, KANJI

INT-CL (IPC): A61 K 35/78; A61 K 31/4164; A61 P 37/08

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KNIC	Draw De
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☐ 15. Document ID: JP 2000166506 A

L5: Entry 15 of 47

File: JPAB

Jun 20, 2000

PUB-NO: JP02000166506A  
DOCUMENT-IDENTIFIER: JP 2000166506 A  
TITLE: SEASONING

PUBN-DATE: June 20, 2000

INVENTOR-INFORMATION:

NAME

COUNTRY

SAITO, YASUNOBU

SATO, YASUNORI

WATANABE, KAZUKO

MUROGA, KAORI

INT-CL (IPC): A23 L 1/24

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KNIC	Draw De
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☐ 16. Document ID: JP 10165101 A

L5: Entry 16 of 47

File: JPAB

Jun 23, 1998

PUB-NO: JP410165101A  
DOCUMENT-IDENTIFIER: JP 10165101 A  
TITLE: HYDRANGEA TEA EXTRACT-CONTAINING CANDY

PUBN-DATE: June 23, 1998

INVENTOR-INFORMATION:

NAME

COUNTRY

NISHIMURA, TAKAHISA

SUGIMOTO, KAZUHISA

YAMAMOTO, YUZO

INT-CL (IPC): A23 G 3/00; A23 L 1/30; A61 K 35/78

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KNOC	Draw De
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☐ 17. Document ID: JP 07327602 A

L5: Entry 17 of 47

File: JPAB

Dec 19, 1995

PUB-NO: JP407327602A

DOCUMENT-IDENTIFIER: JP 07327602 A

TITLE: METHOD FOR REMOVING BITTER TASTE/ASTRINGENCY OF HYDRANGEA LEAF EXTRACT

PUBN-DATE: December 19, 1995

## INVENTOR-INFORMATION:

NAME

COUNTRY

YUMOTO, TAKASHI

SATO, HIDEO

GUNJI, YUKINOBU

INT-CL (IPC): A23 F 3/34

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KNOC	Draw De
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☐ 18. Document ID: JP 02239865 A

L5: Entry 18 of 47

File: JPAB

Sep 21, 1990

PUB-NO: JP402239865A

DOCUMENT-IDENTIFIER: JP 02239865 A

TITLE: PRODUCTION OF DEODORIZER

PUBN-DATE: September 21, 1990

## INVENTOR-INFORMATION:

NAME

COUNTRY

HARASAWA, ATSUKO

KAKIE, TATSUO

YAMAZAWA, KAZUO

TAKASE, ICHIRO

INT-CL (IPC): A61L 9/01; A61K 35/78

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KNOC	Draw De
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☐ 19. Document ID: JP 01262772 A

L5: Entry 19 of 47

File: JPAB

Oct 19, 1989

PUB-NO: JP401262772A  
DOCUMENT-IDENTIFIER: JP 01262772 A  
TITLE: PRODUCTION OF ESSENCE OF HYDRANGEA TEA

PUBN-DATE: October 19, 1989

## INVENTOR-INFORMATION:

NAME

COUNTRY

TANIGUCHI, MASAYUKI

ITO, HAJIME

INT-CL (IPC): A23L 1/22; A23L 1/03; A23L 1/212; A23L 2/38; A61K 31/35; A61K 35/78;  
C07D 311/76

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KAMC	Draw De
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☐ 20. Document ID: JP 61111661 A

L5: Entry 20 of 47

File: JPAB

May 29, 1986

PUB-NO: JP361111661A  
DOCUMENT-IDENTIFIER: JP 61111661 A  
TITLE: PREPARATION OF FERMENTED AND AGED SUGAR SYRUP

PUBN-DATE: May 29, 1986

## INVENTOR-INFORMATION:

NAME

COUNTRY

KONDO, KIYO

KONDO, AKIKO

US-CL-CURRENT: 426/48

INT-CL (IPC): A23L 1/09; A23L 2/38

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KAMC	Draw De
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☐ 21. Document ID: JP 61109706 A

L5: Entry 21 of 47

File: JPAB

May 28, 1986

PUB-NO: JP361109706A  
DOCUMENT-IDENTIFIER: JP 61109706 A  
TITLE: COSMETIC

PUBN-DATE: May 28, 1986

## INVENTOR-INFORMATION:

NAME	COUNTRY
KONDO, KIYO	
KONDO, AKIKO	

INT-CL (IPC): A61K 7/00; C11D 9/38

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Ds
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☐ 22. Document ID: JP 56096677 A

L5: Entry 22 of 47

File: JPAB

Aug 4, 1981

PUB-NO: JP356096677A

DOCUMENT-IDENTIFIER: JP 56096677 A

TITLE: ISOLATION AND PURIFICATION OF PHYLLDULCIN

PUBN-DATE: August 4, 1981

## INVENTOR-INFORMATION:

NAME	COUNTRY
NAKANO, MITSUO	
HIRAI, TAKAMASA	
YOKOZAWA, KUNIO	
OZAKI, EIICHI	
KAKIZAWA, TAKAO	

US-CL-CURRENT: 426/548

INT-CL (IPC): A23L 1/22; C07H 1/08

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Ds
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☐ 23. Document ID: WO 2004091642 A1

L5: Entry 23 of 47

File: EPAB

Oct 28, 2004

PUB-NO: WO2004091642A1

DOCUMENT-IDENTIFIER: WO 2004091642 A1

TITLE: PREVENTIVE OR REMEDY FOR ARTHRITIS

PUBN-DATE: October 28, 2004

## INVENTOR-INFORMATION:

NAME	COUNTRY
KAMIYA, TOSHIKAZU	
NAKAGIRI, RYUSUKE	

INT-CL (IPC): A61 K 35/78; A61 K 31/7008; A61 K 31/726; A61 P 19/02; A23 L 1/30;  
A23 K 1/16

EUR-CL (EPC): A23K001/14; A23K001/16, A23K001/16 , A61K031/7008 , A61K031/726 , A61K035/78

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 24. Document ID: WO 2004091642 A1

L5: Entry 24 of 47

File: DWPI

Oct 28, 2004

DERWENT-ACC-NO: 2004-775565

DERWENT-WEEK: 200476

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TITLE: Therapeutic agent for treating and preventing arthritis, comprises plant belonging to Hydrangea genus or its extract, amino sugar or its salt and/or glycosaminoglycan or its salt as active ingredients

INVENTOR: KAMIYA, T; NAKAGIRI, R

PRIORITY-DATA: 2003JP-0107405 (April 11, 2003)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>WO 2004091642 A1</u>	October 28, 2004	J	039	A61K035/78

INT-CL (IPC): A23 K 1/16; A23 L 1/30; A61 K 31/7008; A61 K 31/726; A61 K 35/78; A61 P 19/02

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 25. Document ID: JP 2004300082 A

L5: Entry 25 of 47

File: DWPI

Oct 28, 2004

DERWENT-ACC-NO: 2004-769340

DERWENT-WEEK: 200476

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TITLE: Anti-tumor agent for treating colon cancer, stomach cancer and lung cancer, contains Lycoris-radiata plant, Hydrangea or these extracts

PRIORITY-DATA: 2003JP-0095916 (March 31, 2003)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>JP 2004300082 A</u>	October 28, 2004		009	A61K035/78

INT-CL (IPC): A23 L 1/30; A61 K 35/78; A61 P 35/00

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 26. Document ID: AU 2003252305 A1, JP 2003300859 A, WO 2004041236 A1

L5: Entry 26 of 47

File: DWPI

Jun 7, 2004

DERWENT-ACC-NO: 2004-137337

DERWENT-WEEK: 200469

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TITLE: Skin external composition used for e.g. preventing ageing comprises naphthalene compound and e.g. extract of asparagus, Angelica radix extract and/or mulberry bark

INVENTOR: HOSHINO, T; KAMEYAMA, K ; MUTOU, M ; UEHARA, S

PRIORITY-DATA: 2002JP-0027998 (February 5, 2002), 2002JP-0323503 (November 7, 2002)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>AU 2003252305 A1</u>	June 7, 2004		000	A61K007/48
<u>JP 2003300859 A</u>	October 21, 2003		026	A61K007/48
<u>WO 2004041236 A1</u>	May 21, 2004	J	000	A61K007/48

INT-CL (IPC): A61 K 7/00; A61 K 7/48; A61 K 31/19; A61 K 31/215; A61 K 35/78; A61 P 17/16; A61 P 43/00

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 27. Document ID: CN 1308932 A

L5: Entry 27 of 47

File: DWPI

Aug 22, 2001

DERWENT-ACC-NO: 2002-114918

DERWENT-WEEK: 200216

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TITLE: Desensitizing toothpaste and its preparing process

INVENTOR: ER, Z; LI, W ; LI, Y

PRIORITY-DATA: 2001CN-0107016 (January 5, 2001)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>CN 1308932 A</u>	August 22, 2001		000	A61K007/26

INT-CL (IPC): A61 K 7/26

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 28. Document ID: JP 3576594 B2, JP 07327602 A

L5: Entry 28 of 47

File: DWPI

Oct 13, 2004

DERWENT-ACC-NO: 1996-072267

DERWENT-WEEK: 200467

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TITLE: Removing bitterness and astringency from hydrangea tea leaves extract - by reacting with cyclodextrin to clathrate glycoside to cyclodextrin

PRIORITY-DATA: 1994JP-0126635 (June 8, 1994)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>JP 3576594 B2</u>	October 13, 2004		011	A23F003/34
<u>JP 07327602 A</u>	December 19, 1995		008	A23F003/34

INT-CL (IPC): A23 F 3/34

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Ds
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☐ 29. Document ID: JP 3529811 B2, JP 07017847 A

L5: Entry 29 of 47

File: DWPI

May 24, 2004

DERWENT-ACC-NO: 1995-093751

DERWENT-WEEK: 200434

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TITLE: External preparation for refreshing skin and preventing wrinkles - contains as active components, kojic acid (deriv) and extractics) of gamble, hydrangea, scutellaris root etc.

PRIORITY-DATA: 1993JP-0162515 (June 30, 1993)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>JP 3529811 B2</u>	May 24, 2004		015	A61K007/48
<u>JP 07017847 A</u>	January 20, 1995		015	A61K007/48

INT-CL (IPC): A61 K 7/00; A61 K 7/42; A61 K 7/48; A61 K 35/78; A61 P 17/16

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Ds
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☐ 30. Document ID: JP 05043445 A

L5: Entry 30 of 47

File: DWPI

Feb 23, 1993

DERWENT-ACC-NO: 1993-104180

DERWENT-WEEK: 199313

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TITLE: Antibacterial agent for external application to skin - contains extract of Hydrangea sp. extracted with organic solvent and/or water from raw leaves of fermented and desiccated leaves

PRIORITY-DATA: 1991JP-0223406 (August 7, 1991)

## PATENT-FAMILY:

PUB-NO                      PUB-DATE                      LANGUAGE                      PAGES                      MAIN-IPC  
JP 05043445 A                      February 23, 1993                                           007                      A61K007/48

INT-CL (IPC): A61K 7/06; A61K 7/48; A61K 35/78

Full	Title	Citation	Front	Review	Classification	Date	Reference				Claims	KWIC	Draw D.
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Terms	Documents
hydrangea adj3 extract\$	47

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Fwd Refs

Bkwd Refs

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#### ☐ 31. Document ID: JP 04178333 A

L5: Entry 31 of 47

File: DWPI

Jun 25, 1992

DERWENT-ACC-NO: 1992-263008

DERWENT-WEEK: 199232

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TITLE: Anti-coccidium agent used alone or opt. with carriers - contains root of hydrangea jozan, for partic. use in poultry, causing no disturbance of intestinal microflora

PRIORITY-DATA: 1990JP-0302621 (November 9, 1990)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>JP 04178333 A</u>	June 25, 1992		006	A61K035/78

INT-CL (IPC): A61K 35/78

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D.
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#### ☐ 32. Document ID: JP 01262772 A

L5: Entry 32 of 47

File: DWPI

Oct 19, 1989

DERWENT-ACC-NO: 1989-352051

DERWENT-WEEK: 198948

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TITLE: Hydrangea macrophylla var thunbergii extract prodn. - by extracting dry leaf of hydrangea macrophylla var thunbergii with supercritical carbon di:oxide

PRIORITY-DATA: 1988JP-0090020 (April 12, 1988)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>JP 01262772 A</u>	October 19, 1989		004	

INT-CL (IPC): A23L 1/22; A23L 2/38; A61K 31/35; A61K 35/78; C07D 311/76

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D.
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☐ 33. Document ID: JP 01242533 A, JP 96032631 B2

L5: Entry 33 of 47

File: DWPI

Sep 27, 1989

DERWENT-ACC-NO: 1989-327630

DERWENT-WEEK: 199618

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TITLE: Food and drink for redn. of mental stress - contg. lavender- and/or plant-extracts e.g. gamma-amino-butyric acid-contg. tea extract, etc.

PRIORITY-DATA: 1988JP-0069699 (March 25, 1988)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>JP 01242533 A</u>	September 27, 1989		007	
<u>JP 96032631 B2</u>	March 29, 1996		006	A61K035/78

INT-CL (IPC): A23L 1/30; A61K 35/78

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 34. Document ID: JP 62107781 A, JP 94014861 B2

L5: Entry 34 of 47

File: DWPI

May 19, 1987

DERWENT-ACC-NO: 1987-175142

DERWENT-WEEK: 198725

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TITLE: Vinegar drink - contg. sweetener, aloe juice, hydrangea extract, edible acid, edible acid salt or carbonate and water

PRIORITY-DATA: 1985JP-0246282 (November 5, 1985)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>JP 62107781 A</u>	May 19, 1987		004	
<u>JP 94014861 B2</u>	March 2, 1994		004	C12J001/00

INT-CL (IPC): A23L 2/38; C12J 1/00

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 35. Document ID: JP 62022583 A

L5: Entry 35 of 47

File: DWPI

Jan 30, 1987

DERWENT-ACC-NO: 1987-069023

DERWENT-WEEK: 198710

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TITLE: Tobacco filter - contains liq. to improve fragrance and taste of tobacco held in filter plug

PRIORITY-DATA: 1985JP-0159307 (July 20, 1985)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>JP 62022583 A</u>	January 30, 1987		008	

INT-CL (IPC): A24D 3/06

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 36. Document ID: JP 61109706 A

L5: Entry 36 of 47

File: DWPI

May 28, 1986

DERWENT-ACC-NO: 1986-178279

DERWENT-WEEK: 198628

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TITLE: Cosmetic compsn. - contg. Hydrangea extract or organo-germanium cpd.

PRIORITY-DATA: 1984JP-0231928 (November 3, 1984)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>JP 61109706 A</u>	May 28, 1986		004	

INT-CL (IPC): A61K 7/00

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 37. Document ID: JP 60130509 A

L5: Entry 37 of 47

File: DWPI

Jul 12, 1985

DERWENT-ACC-NO: 1985-206635

DERWENT-WEEK: 198534

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TITLE: Oral hygiene compsn. - contg. perfume e.g. aniseed oil, sweetener and e.g. brightener and/or antibacterial agent

PRIORITY-DATA: 1983JP-0238891 (December 20, 1983)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>JP 60130509 A</u>	July 12, 1985		019	

INT-CL (IPC): A61K 7/16

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 38. Document ID: DE 3237245 A, CA 1203112 A, DE 3237245 C, EP 134257 A, EP 134257 B, US 4512983 A

L5: Entry 38 of 47

File: DWPI

Apr 12, 1984

DERWENT-ACC-NO: 1984-095889

DERWENT-WEEK: 198416

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TITLE: Prepn. of a tonic without unpleasant taste - by mixing a polyporaceae spp. fungus with Indian Hydrangea tea and extracting the mixt.

INVENTOR: MATOBA, T; SHINO, K

PRIORITY-DATA: 1982DE-3237245 (October 7, 1982), 1983EP-0107580 (August 2, 1983), 1982US-0426458 (September 29, 1982)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>DE 3237245 A</u>	April 12, 1984		000	
<u>CA 1203112 A</u>	April 15, 1986		000	
<u>DE 3237245 C</u>	December 18, 1986		000	
<u>EP 134257 A</u>	March 20, 1985	E	000	
<u>EP 134257 B</u>	May 13, 1987	E	000	
<u>US 4512983 A</u>	April 23, 1985		000	

INT-CL (IPC): A23F 3/34; A23L 1/28; A23L 2/38; A61K 31/28; A61K 35/84

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 39. Document ID: JP 59028459 A, JP 85006620 B

L5: Entry 39 of 47

File: DWPI

Feb 15, 1984

DERWENT-ACC-NO: 1984-077710

DERWENT-WEEK: 198413

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TITLE: Health drink prepn. from Formes mushrooms and Indian hydrangea - by extracting with water, acidifying and centrifuging to remove insoluble matter

PRIORITY-DATA: 1982JP-0138988 (August 9, 1982), 1984JP-0206854 (July 22, 1983)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>JP 59028459 A</u>	February 15, 1984		003	
<u>JP 85006620 B</u>	February 19, 1985		000	

INT-CL (IPC): A23L 2/38; A61K 9/08

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 40. Document ID: JP 58201972 A, JP 85006193 B

L5: Entry 40 of 47

File: DWPI

Nov 25, 1983

DERWENT-ACC-NO: 1984-008098

DERWENT-WEEK: 198402

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TITLE: Improving tobacco smoke flavour and taste - by combining cellulose treated hydrangea leaves (aq. extract) with the tobacco leaves

PRIORITY-DATA: 1982JP-0082389 (May 18, 1982)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>JP 58201972 A</u>	November 25, 1983		007	
<u>JP 85006193 B</u>	February 16, 1985		000	

INT-CL (IPC): A24B 3/12; A24B 15/30

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 41. Document ID: JP 58190370 A

L5: Entry 41 of 47

File: DWPI

Nov 7, 1983

DERWENT-ACC-NO: 1983-841866

DERWENT-WEEK: 198350

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TITLE: Refining phyllodulcin obtd. by extracting hydrangea leaves - by contacting aq. soln. of the extract with adsorbent resin having macroreticular structure, treating with hydrophilic agent etc.

PRIORITY-DATA: 1982JP-0071477 (April 30, 1982)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>JP 58190370 A</u>	November 7, 1983		003	

INT-CL (IPC): A23L 1/22; C07H 1/08

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 42. Document ID: JP 57078495 A

L5: Entry 42 of 47

File: DWPI

May 17, 1982

DERWENT-ACC-NO: 1982-51421E

DERWENT-WEEK: 198225

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TITLE: Preventing oxidation of fats or oils - by adding extract of hydrangea leaf to fats etc. opt. with antioxidant e.g. tocopherol

PRIORITY-DATA: 1980JP-0153314 (October 31, 1980)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>JP 57078495 A</u>	May 17, 1982		003	

INT-CL (IPC): C11B 5/00

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWAC	Draw D
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☐ 43. Document ID: JP 53053700 A, JP 79036234 B

L5: Entry 43 of 47

File: DWPI

May 16, 1978

DERWENT-ACC-NO: 1978-45177A

DERWENT-WEEK: 200392

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TITLE: Skimmin used as perfume for tobacco - prepd. by culturing callus of hydrangea plant, extracting the obtd. undifferentiated cells, and recovering skimmin from the extract

PRIORITY-DATA: 1976JP-0128258 (October 27, 1976)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>JP 53053700 A</u>	May 16, 1978		000	
<u>JP 79036234 B</u>	November 8, 1979		000	

INT-CL (IPC): C07H 17/04; C12D 13/00

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWAC	Draw D
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☐ 44. Document ID: JP 52116500 A, JP 79008680 B

L5: Entry 44 of 47

File: DWPI

Sep 29, 1977

DERWENT-ACC-NO: 1977-80385Y

DERWENT-WEEK: 200300

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TITLE: Umbelliferone prepn. - by sepg. undifferentiated cells from cultivated callus of Hydrangea and extracting umbelliferone

PRIORITY-DATA: 1976JP-0031947 (March 25, 1976)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>JP 52116500 A</u>	September 29, 1977		000	
<u>JP 79008680 B</u>	April 17, 1979		000	

INT-CL (IPC): C07D 311/08

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KLOC	Draw D.
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☐ 45. Document ID: JP 50013546 A, JP 81022846 B

L5: Entry 45 of 47

File: DWPI

Feb 13, 1975

DERWENT-ACC-NO: 1975-46740W

DERWENT-WEEK: 200394

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TITLE: Mouthwash compn - contg mentha and hydrangea serrata extracts for good flavour

PRIORITY-DATA: 1973JP-0064955 (June 8, 1973)

PATENT-FAMILY:

PUB-NO

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File: DWPI

May 19, 1987

DERWENT-ACC-NO: 1987-175142

DERWENT-WEEK: 198725

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TITLE: Vinegar drink - contg. sweetener, aloe juice, hydrangea extract, edible acid, edible acid salt or carbonate and water

Basic Abstract Text (1):

Vinegar drink of pH 3.5-4.0 comprises (1) apple vinegar, pruen vinegar, unpolished rice vinegar, adlai vinegar above 10 parts, and total of apple vinegar and prune vinegar exceeding 70 parts. The total volume of vinegars being 100 pts., (2) sweetener of 8-12 sugar conversion sweetness degree, (3) aloe squeeze 0.1-2.0 pts., where total wt. of drink is 100 pts., (4) hydrangea extracts 0.1-2.0 parts as dried hydrangea, where total wt. of drink is 100 pts., (5) edible acid, (6) edible acid salt or carbonate and (7) water.

Standard Title Terms (1):

VINEGAR DRINK CONTAIN SWEET ALOE JUICE HYDRANGEA EXTRACT EDIBLE ACID EDIBLE ACID SALT CARBONATE WATER

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L5: Entry 39 of 47

File: DWPI

Feb 15, 1984

DERWENT-ACC-NO: 1984-077710

DERWENT-WEEK: 198413

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TITLE: Health drink prepn. from Formes mushrooms and Indian hydrangea - by  
extracting with water, acidifying and centrifuging to remove insoluble matter

Standard Title Terms (1):

HEALTH DRINK PREPARATION FORME MUSHROOM INDIAN HYDRANGEA EXTRACT WATER ACIDIC  
CENTRIFUGE REMOVE INSOLUBLE MATTER

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L5: Entry 39 of 47

File: DWPI

Feb 15, 1984

DERWENT-ACC-NO: 1984-077710

DERWENT-WEEK: 198413

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TITLE: Health drink prepn. from *Formes* mushrooms and Indian *hydrangea* - by extracting with water, acidifying and centrifuging to remove insoluble matter

PATENT-ASSIGNEE: MATOBA M (MATOI)

PRIORITY-DATA: 1982JP-0138988 (August 9, 1982), 1984JP-0206854 (July 22, 1983)

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## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> JP 59028459 A	February 15, 1984		003	
<input type="checkbox"/> JP 85006620 B	February 19, 1985		000	

## APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 59028459A	August 9, 1982	1982JP-0138988	

INT-CL (IPC): A23L 2/38; A61K 9/08

ABSTRACTED-PUB-NO: JP 59028459A

## BASIC-ABSTRACT:

The method is characterised by (a) mixing the mushroom of *Formes* family or its air-dried prod. with Indian *hydrangea* or its air-dried prod., (b) extracting the mixt. several times with water at 50-150 deg.C for several mins., (c) making the extract acidic with organic acid, (d) standing it at above its freezing temp. to prevent putrefaction, (e) removing insolubles by centrifuging, (f) bottling the obtd. clear soln. and (g) heat-sterilising it.

The mushroom of *Formes* family contains polysaccharide and organic Ge and its anticancer activity is known. Indian *hydrangea* also contains organic Ge and is known in treatment of diabetes. The method gives a health drink with excellent taste. Pref. honey or muscovado is added to improve the taste further.

ABSTRACTED-PUB-NO: JP 59028459A

## EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.0/0

DERWENT-CLASS: D13

CPI-CODES: D03-H01G;

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hydrangea adj3 extract\$	47

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 US OCR Full-Text Database  
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 JPO Abstracts Database  
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Search:

L5





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<u>L4</u>	hydrangea and liver	27	<u>L4</u>
<u>L3</u>	hydrangea same liver	1	<u>L3</u>
<u>L2</u>	hydrangea adj1 dulcis	3	<u>L2</u>
<u>L1</u>	hydrangea	453	<u>L1</u>

END OF SEARCH HISTORY